

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An active matrix LCD having
column electrodes for display signals;
row electrodes for scanning, the row electrodes being orthogonal to the column
electrodes;
pixels arranged in a matrix at intersections of the column and row electrodes;
a column driver to sequentially supply, in each horizontal scan period, display signals to
the column electrodes; and
a row driver to sequentially supply row select pulses to the row electrodes ~~so that the
display signals are written in a row of the pixels~~, the row driver comprising:
a first shift register to sequentially generate ~~and supply~~ first row select pulses to
~~the row electrodes~~ in respective display signal periods of a vertical scan period in
response to a first scan start signal; ~~and~~
a first gate circuit to supply the first row select pulses to the row electrodes so that the
display signals are written in a row of the pixels;
a second shift register to sequentially generate ~~and supply~~ ~~second~~ second row select pulses that
reset pixels to a reset voltage ~~to the row electrodes, in part or in whole, of respective horizontal
blanking periods of the vertical scan period~~ in response to a second scan start signal; and
a second gate circuit to supply the second row select pulses to the row electrodes, in part or in
whole, of respective horizontal blanking periods of the vertical scan period.

2. (Currently amended) The active matrix LCD of claim 1, wherein the column driver comprises:

a level setter configured to partly or wholly set a horizontal blanking period of the horizontal scan period as a period to provide the reset voltage; and

an output unit configured to turn on all switches of the column driver in a reset period during which display signals have no image information, and in cooperation with the level setter, supply the reset voltage to all of the column electrodes; and

the row driver ~~further comprises~~ is:

~~a row selector~~ configured to sequentially provide the first and second row select pulses to select the row electrodes one after another for each horizontal scan period including a first period during which the ~~row~~ column driver provides the column electrodes with the display signals having image information and a second period during which the output unit provides the column electrodes with the reset voltage such that an absolute value of voltage accumulated in each pixel due to the display signal is below a predetermined value in each vertical scan period.